

1st AMERICAN CONFERENCE ON HUMAN VIBRATION



Call for Abstracts
June 5-7, 2006



Organized by West Virginia University School of Medicine
and Centers for Disease Control and Prevention,
National Institute for Occupational Safety and Health
Morgantown, West Virginia, USA

Call for Abstracts

Abstracts for oral and poster presentations are currently being accepted for the 1st American Meeting on Human Vibration. Topics for presentations may include but are not limited to:

- Effects of short- and long-term exposure to vibration on drivers, and machine operators
- Health effects of vibration
- Modeling and analysis of the hand-arm and whole-body system dynamics
- Absorbed power, energy and Dose-response relationships
- Motion sickness and low frequency effects on the body
- Noise and vibration coupling effects on health
- Ergonomics and seat designs
- Active seat suspension and human vibration control
- Advanced tool and machine designs
- Vibration isolation methods
- Sensors technology and data collection

Abstract format

Accepted abstracts will be published as a NIOSH numbered document. Each participant will receive a bound copy of this publication. Electronic versions of the abstract will be made available on the NIOSH website after the conference. .

Abstracts should be limited to a maximum two pages with 12-pt font and single spaced text. The left margin should be 3.8 cm, and all other margins should be 2.4 cm. The title should be typed in boldface font using capital letters and centered at the top of the page. The title should follow the name(s) and affiliation(s) of the author(s), and email address of the corresponding author. The text should be organized using appropriate section headings, such as Introduction, Methods, Results, Discussion, and References. Section headings should be in bold and centered on the page. Figures or tables may be presented in the abstract, but all figures, tables, and text must stay within the margins and the two-page limit. (See sample abstract on the next page)

Abstract Submission

All abstracts should be submitted electronically in MS Word or WordPerfect format via email attachment to achv@cdc.gov. The submission must accompany a statement from the corresponding author, whether the submission is for an oral or poster presentation. The organizers will attempt to comply with the author's preference for presentation.

The deadline for receipt of all abstracts is February 12, 2006.

Continuing Medical Education Credit

Continuing Medical Education Credit will be offered to health care professionals through the Department of Continuing Medical Education at the West Virginia University School of Medicine, which is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education.

To meet all learning objectives for continuing medical education, presentations that focus on the biological and physiological aspects of vibration must include the following information:

- 1) Describe the symptoms associated with vibration-induced disorders.
- 2) Provide information regarding the biological and physiological mechanisms underlying the development of these symptoms.
- 3) Provide a summary of the methods currently available for diagnosis, along with the advantages and disadvantages of using each method.

For questions regarding abstract format please email achv@cdc.gov or contact Dr. Ren G. Dong at (304) 285-6332 or Dr. Kristine Krajnak at (304) 285-5964 in the Engineering and Controls Technology Branch of NIOSH.

**THE TITLE OF THE ABSTRACT SHOULD BE CENTERED ON THE TOP
OF THE PAGE AND TYPE IN BOLD, CAPITALIZED LETTERS**

**The authors and their affiliations should be typed in bold letters and centered under the title.
Please put an asterisk by the name of the presenting author.**

Introduction

This abstract page has been formatted using the correct margin and font sizes. Font type, headings may be changed, but the abstract must maintain the page and margin limits stated below.

All text in the abstract should be single spaced, and the font should not be smaller than 12 pt. The abstract should include relevant background information and a statement of the problem that was addressed. The abstract margins should be 3.8 cm (1.5 in) for the left margin and 2.4 cm (1 in) for the remaining margins. If the left margin is smaller, text or figures might not be visible when the abstracts are bound. **Do not put page numbers on the abstract. The organizers will add page numbers when the abstracts are bound.**

Citations in the text should be numbered to conserve space. The Reference section should list the numbered citations in alphabetical order. Citations in the reference list should be formatted according to the Harvard style. To conserve space, font size for the reference list may be reduced to 10 pt.

Methods

If presenting experimental work, please include enough information for readers to understand and assess the methods used.

Results

Tables and figures can be included with the text. Figures should be imported into the document so that can be easily viewed and printed. All text, tables, and figures must fit within the margins and the 2-page limit.

Discussion

This section should contain a summary of the results, conclusions based on the results, and discussion of implications or future directions.

References

Van der Greer, J., Hanraads, J.A.J., and Lupton, R.A. (2000). The art of writing a scientific article. *J. Sci. Commun.* 163, 51-59.

Strunk, W. and White, E.B. (1979). *The Elements of Style*. New York, MacMillan.